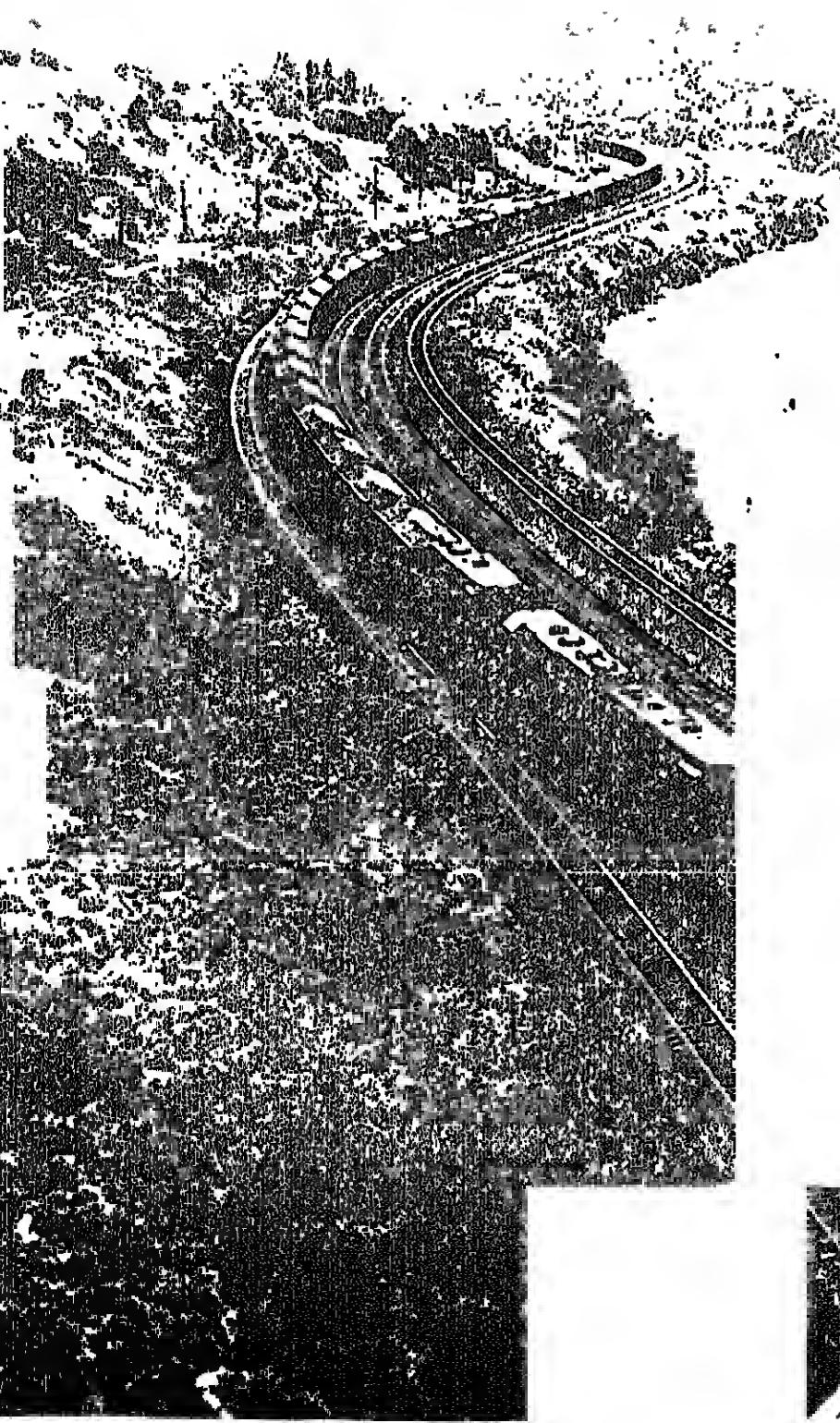




Energy
Information
Administration

Weekly Coal Production

Production for Week Ended:
November 17, 1990



Dom^{estic}
Supp^{ly}

Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from .02 percent to .08 percent.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1988*, and *Coal Data: A Reference*.

This publication was prepared by Wayne M. Watson and Michelle D. Bowles under the direction of Mary K. Paull and Noel C. Balthasar, Chief, Data Systems Branch. *Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at (202)586-8800.*

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Summary

U.S. coal production in the week ended November 17, 1990, as estimated by the Energy Information Administration, totaled 21 million short tons, about the same as in the previous week, and in the comparable week in 1989. Production east of the Mississippi River totaled 13 million short tons, and production west of the Mississippi River totaled 9 million short tons.

Coal consumption at electric utility plants in August 1990 totaled 73 million short tons, 4 percent higher than in August 1989. Total coal consumption at electric utility plants for the first 8 months of 1990 was 511 million short tons, slightly more than in the comparable period in 1989. The largest regional changes occurred in the East North Central Census Division, where consumption rose 5 million short tons, and the South Atlantic Census Division, where consumption dropped 5 million short tons.

In the East North Central Census Division, electric utility coal consumption was up, because coal-fired

generation was used to meet the higher electricity demand. In the South Atlantic Census Division, electric utility coal consumption was down, because the demand for electricity was lower, particularly in Maryland, North Carolina and West Virginia.

Electric utility coal stocks were 13 percent more than a year ago, with stocks on August 31, 1990, at 152 million short tons, compared with 134 million short tons on August 31, 1989. Electric utilities drew down coal stocks by 3 million short tons during August 1990.

Coal receipts at electric utility plants in July 1990 were 63 million short tons, 14 percent higher than a year earlier. Total coal receipts at electric utilities for the first 7 months of 1990 totaled 453 million short tons, 6 percent more than in the comparable period in 1989, reflecting the build-up of coal stocks at electric utilities during 1990.

Figure 1. Coal Production

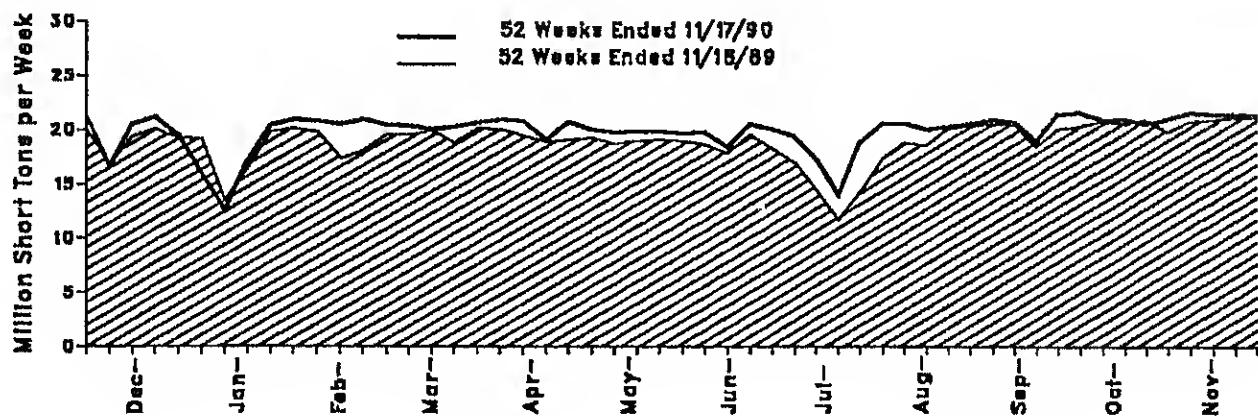


Table 1. Coal Production

Production and Carloadings	Week Ended			52 Weeks Ended		
	11/17/80	11/10/80	11/18/80	11/17/90	11/18/90	Percent Change
Production (Thousand Short Tons)						
Bituminous ¹ and Lignite	21,265	21,380	21,090	1,028,944	879,408	5 1
Pennsylvania Anthracite	96	62	74	3,324	3,374	-1.5
U.S. Total	21,361	21,442	21,163	1,032,268	882,782	5 0
Railroad Cars Loaded	135,921	136,683	138,058	6,655,352	6,394,508	

¹ Includes subbituminous coal.

Notes: 1980 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended		
	11/17/80	11/10/90	11/18/90
Bituminous Coal¹ and Lignite			
East of the Mississippi	12,572	13,044	13,204
Alabama	545	621	638
Illinois	1,180	1,217	1,197
Indiana	875	841	765
Kentucky	3,160	3,540	3,684
Kentucky, Eastern	2,405	2,542	2,716
Kentucky, Western	756	898	668
Maryland	59	62	69
Ohio	744	744	754
Pennsylvania Bituminous	1,580	1,574	1,568
Tennessee	135	143	155
Virginia	844	690	873
West Virginia	3,251	3,414	3,468
West of the Mississippi	9,692	9,336	7,696
Alaska	31	31	44
Arizona	262	263	250
Arkansas	2	2	2
Colorado	428	429	379
Iowa	9	9	7
Kansas	25	25	25
Louisiana	83	64	75
Missouri	62	62	77
Montana	622	785	788
New Mexico	525	456	387
North Dakota	677	647	586
Oklahoma	38	37	36
Texas	1,192	1,199	1,111
Utah	462	479	436
Washington	107	108	109
Wyoming	3,850	3,743	3,563
Bituminous ¹ and Lignite Total	21,285	21,380	21,060
Pennsylvania Anthracite	96	62	74
U.S. Total	21,381	21,442	21,163

¹ Includes subbituminous coal.

Notes: 1980 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 3. Coal Statistics for Electric Utilities, 1981-1990

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)		GWh ¹	Percent Coal	
1981	579,374	88.9	153	1.43	596,797	1,203,203	52.4	188,993
1982	801,427	90.4	185	1.42	593,888	1,192,004	53.2	181,132
1983	592,728	88.3	188	1.39	625,211	1,259,424	54.5	155,588
1984	684,111	85.5	168	1.39	884,399	1,341,881	55.5	178,727
1985	688,743	88.8	165	1.32	893,841	1,402,128	56.8	156,378
1986	888,884	87.5	158	1.32	685,056	1,385,831	55.7	181,808
1987	721,298	84.6	151	1.31	717,884	1,483,781	58.8	170,787
1988								
January	58,826	95.7	147	1.32	87,950	137,845	57.8	183,581
February	58,871	88.7	148	1.27	81,401	128,287	58.2	160,424
March	58,021	98.8	149	1.27	58,758	120,034	58.1	182,603
April	59,139	97.9	150	1.24	54,135	108,135	55.7	165,750
May	57,920	97.9	150	1.25	56,529	115,195	55.3	168,328
June	58,337	97.1	148	1.25	65,343	132,288	56.9	181,215
July	59,999	98.9	146	1.21	71,749	144,301	56.0	148,234
August	99,898	88.4	145	1.24	75,253	152,377	56.9	141,399
September	93,103	85.2	145	1.27	81,540	124,410	56.5	142,930
October	93,574	98.3	148	1.28	59,561	121,330	57.6	147,130
November	82,015	94.3	146	1.26	59,305	121,054	57.9	150,018
December	93,497	82.9	142	1.27	86,949	138,427	59.8	146,507
Total	727,775	88.3	147	1.28	758,372	1,540,853	57.0	
1989								
January	62,443	92.9	143	1.28	86,919	134,969	58.1	142,403
February	58,934	92.9	145	1.29	82,813	127,194	57.9	137,354
March	63,219	83.4	144	1.29	81,906	126,706	55.9	138,949
April	62,078	92.2	144	1.27	55,929	115,271	55.5	144,598
May	64,798	94.0	145	1.30	50,358	119,959	54.1	150,870
June	81,272	93.9	145	1.29	63,823	126,454	54.9	149,969
July	55,429	93.2	144	1.22	60,705	136,467	53.9	134,859
August	70,147	92.9	145	1.29	70,471	141,710	54.9	133,932
September	64,538	91.1	146	1.27	62,069	126,730	55.8	135,829
October	90,579	80.7	145	1.29	60,541	122,212	55.7	142,270
November	95,570	90.7	144	1.28	60,096	124,154	56.7	147,131
December	80,515	81.8	143	1.27	72,287	147,030	56.9	135,994
Total	753,217	62.4	144	1.26	765,920	1,551,952	55.9	
1990								
January	97,637	92.7	145	1.30	86,060	132,498	55.9	138,358
February	62,290	82.1	146	1.30	59,003	115,999	54.5	143,413
March	97,519	93.1	145	1.31	60,618	122,859	54.5	150,808
April	83,889	82.8	147	1.30	57,661	117,111	55.8	158,318
May	64,058	83.1	149	1.30	59,042	118,844	53.9	163,233
June	83,604	92.4	148	1.29	65,167	132,458	53.2	182,745
July	93,427	82.9	144	1.28	71,020	144,232	54.2	154,979
August	NA	NA	NA	NA	73,200	146,958	54.9	151,996

¹ Gigawatthours

NA Not available.

Note. MM Btu represents million Btu

Sources. Receipts: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Consumption, Stocks and Generation: Energy Information Administration, Form EIA-758, "Monthly Power Plant Report."

**Table 4. Coal-Fired Net Generation, August 1990
(Gigawatthours)**

Census Division and State	August 1990	August 1989	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1990	1989	Percent Change	1990	1989
New England	1,506	1,288	18.9	10,479	11,089	-5.6	19.4	17.4
Connecticut	221	224	-1.2	1,845	1,291	27.4	7.5	5.9
Maine	-	-	-	-	-	-	-	-
Massachusetts	890	748	31.0	7,132	7,754	-8.0	27.7	31.0
New Hampshire	304	284	3.3	1,699	2,054	-17.3	20.4	41.0
Rhode Island	*	*	NM	*	*	NM	*	*
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	12,139	12,338	-1.9	80,823	91,342	-11.6	40.4	42.9
New Jersey	820	754	8.7	5,012	5,830	-14.0	22.0	20.6
New York	2,297	2,177	5.5	16,730	19,691	-14.9	19.1	19.3
Pennsylvania	9,021	9,404	-4.1	69,081	69,922	-1.4	90.3	99.1
East North Central	32,446	30,029	6.1	242,690	235,141	3.2	73.9	73.2
Illinois	4,921	4,649	5.8	38,671	32,303	13.5	43.2	37.9
Indiana	8,763	7,493	17.4	65,071	59,653	14.9	99.3	99.7
Michigan	5,808	5,693	-1.5	43,899	44,735	-2.3	69.7	73.5
Ohio	10,179	9,359	8.8	75,883	80,478	-5.7	99.8	91.8
Wisconsin	2,976	2,864	3.9	21,349	20,972	1.8	71.0	70.8
West North Central	15,295	14,039	3.1	108,511	107,083	1.4	74.8	74.9
Iowa	2,444	2,213	10.4	16,597	19,944	-17.3	89.0	84.6
Kansas	2,239	2,151	4.1	16,165	15,573	3.8	72.3	97.0
Minnesota	2,209	2,282	-3.2	16,809	16,897	1.0	64.6	99.1
Missouri	4,724	4,922	-4.0	31,172	33,422	-7.7	78.3	94.7
Nebraska	1,218	1,109	9.6	8,250	7,598	21.9	62.9	56.5
North Dakota	2,237	1,944	15.1	16,840	15,568	8.2	92.9	91.9
South Dakota	227	217	4.8	1,579	1,590	-1.1	35.9	31.5
South Atlantic	32,118	30,050	6.9	211,490	223,728	-5.5	50.0	91.9
Delaware	409	479	-14.5	3,144	3,359	-6.4	63.4	59.4
District of Columbia	-	-	-	-	-	-	-	-
Florida	5,810	5,600	3.8	39,899	39,379	1.3	49.0	48.0
Georgia	7,317	6,386	14.9	44,599	43,358	2.9	69.5	69.0
Maryland	2,078	2,314	-10.1	15,768	16,132	-2.3	79.3	63.4
North Carolina	5,079	4,812	10.1	26,878	33,814	-22.5	54.3	57.8
South Carolina	2,477	2,423	2.2	15,625	16,907	-7.9	33.4	37.3
Virginia	2,124	2,161	-1.7	12,739	17,124	-25.9	39.9	92.8
West Virginia	8,823	6,075	12.3	50,209	53,655	-6.2	89.0	89.0
East South Central	19,433	17,312	6.5	120,813	119,918	3.2	71.9	72.3
Alabama	5,826	5,418	8.4	34,286	35,059	-2.1	68.4	67.5
Kentucky	6,871	6,188	7.6	47,607	44,113	8.4	95.6	83.8
Mississippi	1,231	1,201	2.5	6,608	5,897	11.3	39.2	43.2
Tennessee	4,903	4,495	10.4	31,812	31,710	0.3	84.7	64.8
West South Central	17,397	17,637	-1.4	118,922	120,276	-1.1	47.0	49.8
Arkansas	1,878	1,603	17.6	11,945	11,418	4.6	47.8	51.1
Louisiana	1,832	2,008	-18.7	11,054	12,808	-14.4	28.6	35.4
Oklahoma	2,502	2,300	8.3	16,704	15,824	4.9	53.8	53.0
Texas	11,284	11,937	-3.0	79,218	90,025	-1.0	50.0	50.5
Mountain	16,877	17,287	-3.4	123,491	120,523	2.5	78.4	77.0
Arizona	3,091	3,304	-7.4	21,778	21,383	1.8	54.9	59.3
Colorado	2,627	2,682	-2.1	18,890	19,369	2.6	84.2	80.2
Idaho	-	-	-	-	-	-	-	-
Montana	921	1,530	-39.6	9,169	10,192	-10.0	56.0	62.9
Nevada	1,435	1,557	-7.8	8,322	10,905	-14.5	75.8	78.0
New Mexico	2,329	2,491	-6.5	17,576	16,411	7.1	80.0	88.5
Utah	2,758	2,642	4.4	20,840	18,307	8.5	97.8	0.70
Wyoming	3,545	3,059	15.9	24,828	22,947	8.2	87.9	87.8
Pacific	652	678	-12.8	4,701	5,736	-18.0	2.5	3.1
California	-	-	-	-	-	-	-	-
Oregon	80	*	NM	67	440	-84.7	.2	1.4
Washington	748	955	-21.6	4,423	5,097	-13.2	6.3	8.7
Alaska	22	21	5.4	211	198	6.2	7.2	6.8
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	148,858	141,710	3.8	1,031,856	1,031,727	*	54.5	55.8

* For quantity data, the absolute value of the number is less than 0.5 gigawatthours. For percentage calculations, the absolute value of the number is less than 0.05 percent.

** Percent change calculation not meaningful as value is greater than 500.

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 5. Coal Consumption at Electric Utility Plants, August 1990
(Thousand Short Tons)

Census Division and State	August 1990	July 1990	August 1989	Year to Date		
				1990	1989	Percent Change
New England	571	560	496	3,999	4,167	-4.8
Connecticut	87	84	98	673	522	28.0
Massachusetts	368	360	286	2,058	2,987	-7.9
New Hampshire	115	96	112	657	776	-15.6
Rhode Island	*	*	*	*	*	-
Middle Atlantic	4,849	4,791	5,017	38,917	37,173	-1.0
New Jersey	316	295	296	1,932	2,261	-14.6
New York	846	879	881	8,769	6,703	1.0
Pennsylvania	3,667	3,617	3,638	28,116	28,208	-3
East North Central	15,473	15,367	14,357	115,338	108,960	5.0
Illinois	2,548	2,428	2,370	10,688	16,177	15.5
Indiana	4,357	4,417	3,682	32,339	27,627	17.1
Michigan	2,584	2,661	2,507	19,937	19,732	1.0
Ohio	4,309	4,253	4,110	32,364	34,468	-6.1
Wisconsin	1,675	1,826	1,918	12,010	11,950	1.3
West North Central	9,659	9,397	8,299	89,448	69,947	2.4
Iowa	1,491	1,421	1,359	10,251	10,035	2.2
Kansas	1,408	1,374	1,383	10,216	10,038	1.8
Minnesota	1,464	1,378	1,486	10,620	10,468	1.4
Missouri	2,398	2,302	2,475	15,573	18,534	-5.8
Nebraska	772	805	702	5,848	4,791	22.1
North Dakota	1,910	1,675	1,898	14,437	13,492	7.2
South Dakota	217	214	205	1,504	1,517	-9
South Atlantic	12,928	12,352	12,040	84,029	99,238	-5.9
Delaware	178	206	208	1,318	1,411	-6.0
Florida	2,384	2,297	2,316	18,091	18,108	-1
Georgia	3,067	2,829	2,570	18,175	17,763	2.3
Maryland	799	850	889	8,059	8,173	-1.8
North Carolina	1,884	1,745	1,780	11,471	13,058	-12.2
South Carolina	1,002	871	898	6,253	8,708	-8.8
Virginia	858	814	880	5,018	8,935	-28.8
West Virginia	2,602	2,840	2,437	19,842	21,191	-7.3
East South Central	7,010	7,664	7,331	51,069	49,217	3.8
Alabama	2,437	2,209	2,221	14,232	14,308	-5
Kentucky	2,941	3,064	2,798	20,034	18,339	8.2
Mississippi	507	498	484	2,708	2,438	11.1
Tennessee	1,925	1,782	1,859	13,195	13,131	.5
West South Central	12,070	11,578	12,020	81,503	83,530	-2.4
Arkansas	1,203	1,293	1,018	7,372	8,959	8.1
Louisiana	1,245	1,137	1,207	7,515	8,429	-10.8
Oklahoma	1,407	1,403	1,378	9,834	8,527	3.2
Texas	8,160	7,747	8,357	58,841	59,025	-3.0
Mountain	8,188	9,831	8,298	68,359	85,397	1.5
Arizona	1,545	1,858	1,724	10,091	10,738	1.4
Colorado	1,403	1,403	1,438	10,844	10,355	2.8
Montana	584	916	853	5,791	6,470	-10.5
Nevada	837	857	758	4,792	5,321	-10.5
New Mexico	1,387	1,387	1,448	10,235	10,101	1.3
Utah	1,186	1,188	1,155	8,876	9,404	8.8
Wyoming	2,144	2,011	1,818	15,060	13,998	7.8
Pacific	566	499	920	3,159	3,786	-10.8
Oregon	55	*	*	55	308	-62.0
Washington	481	462	600	2,918	3,300	-11.9
Alaska	20	25	17	187	181	3.0
U.S. Total..	73,200	71,820	70,471	510,769	509,226	.3

* For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note. Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 6. Coal Stocks at Electric Utility Plants, August 1990
(Thousand Short Tons)

Census Division and State	August 31, 1990	July 31, 1990	August 31, 1989	Percent Change August 31: 1990 versus 1989
New England	1,392	1,473	1,119	24.4
Connecticut	149	213	137	8.3
Massachusetts	844	849	774	9.0
New Hampshire	372	383	180	106.9
Rhode Island	28	28	28	*
Middle Atlantic	15,863	15,738	13,138	20.7
New Jersey	720	782	539	33.6
New York	1,561	1,872	1,243	25.6
Pennsylvania	13,582	13,284	11,356	19.6
East North Central	37,155	38,730	34,207	8.6
Illinois	7,141	7,423	9,253	-22.8
Indiana	9,367	9,320	7,698	21.7
Michigan	7,676	7,191	7,063	8.7
Ohio	9,097	8,926	5,905	54.0
Wisconsin	3,875	3,870	4,287	-9.6
West North Central	19,408	20,023	19,327	.4
Iowa	3,876	4,024	3,825	-1.3
Kansas	3,457	3,536	3,491	-1.0
Minnesota	2,055	2,243	2,055	*
Missouri	5,017	5,097	4,063	23.5
Nebraska	1,513	1,818	1,730	-12.5
North Dakota	3,197	3,221	3,773	-15.3
South Dakota	291	284	289	9
South Atlantic	26,802	27,284	18,575	36.9
Delaware	461	389	252	82.7
Florida	4,802	5,152	4,619	4.0
Georgia	5,638	6,131	4,545	24.0
Maryland	1,765	1,592	1,290	30.8
North Carolina	4,385	4,490	2,668	64.4
South Carolina	1,829	1,830	1,326	38.0
Virginia	1,414	1,536	853	48.3
West Virginia	6,509	8,054	3,822	65.9
East South Central	15,231	16,347	11,864	30.6
Alabama	4,051	4,660	3,654	10.9
Kentucky	6,761	8,815	4,148	63.0
Mississippi	710	882	718	-11
Tennessee	3,708	3,991	3,144	18.0
West South Central	16,793	17,683	18,217	3.6
Arkansas	1,828	2,045	2,629	-30.5
Louisiana	2,225	2,362	2,296	-3.1
Oklahoma	2,912	3,138	2,816	-1
Texas	9,828	10,137	8,376	17.3
Mountain	17,013	17,351	18,857	.3
Arizona	2,702	2,926	3,660	-26.4
Colorado	3,622	3,634	3,976	-8.9
Montana	898	847	855	4.7
Nevada	1,179	1,458	994	18.5
New Mexico	1,371	1,345	1,123	22.1
Utah	3,728	3,521	3,067	21.6
Wyoming	3,515	3,820	3,273	7.4
Pacific	2,330	2,350	1,727	35.4
Oregon	848	581	480	34.5
Washington	1,691	1,766	1,243	36.1
Alaska	2	2	5	-51.0
S. Total	151,988	154,978	133,932	13.5

* For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note. Total may not equal sum of components because of independent rounding.

Source Energy Information Administration, Form EIA-750, "Monthly Power Plant Report."

Table 7. Coal Receipts at Electric Utility Plants, July 1990
(Thousand Short Tons)

Census Division and State	July 1990	June 1990	July 1988	Year to Date		
				1990	1989	Percent Change
New England	427	518	468	3,807	3,671	3.7
Connecticut	63	87	86	610	483	31.7
Massachusetts	297	334	361	2,496	2,711	-7.9
New Hampshire	87	97	38	699	496	40.7
Middle Atlantic	4,195	4,818	3,359	34,554	31,424	10.0
New Jersey	75	291	136	1,752	1,903	-7.9
New York	705	864	625	8,131	5,618	9.1
Pennsylvania	3,415	3,483	2,597	28,671	23,903	11.6
East North Central	14,324	14,387	11,357	98,982	87,906	12.8
Illinois	2,106	2,134	1,785	15,433	14,147	8.1
Indiana	3,889	3,877	2,580	28,586	21,385	33.7
Michigan	2,675	2,857	2,701	14,726	14,378	2.4
Ohio	4,184	4,060	3,027	30,090	27,974	7.6
Wisconsin	1,487	1,358	1,247	10,118	10,022	1.0
West North Central	8,475	7,868	8,157	60,177	57,937	3.9
Iowa	1,308	1,245	1,353	8,831	8,212	7.5
Kansas	1,336	1,210	1,257	8,296	8,972	3.6
Minnesota	1,134	1,229	1,153	9,630	8,580	12.2
Missouri	1,908	1,713	1,725	13,872	14,215	-1.7
Nebraska	813	704	700	5,034	4,274	17.8
North Dakota	1,780	1,582	1,784	12,280	12,521	-1.9
South Dakota	187	183	185	1,135	1,182	-2.3
South Atlantic	10,274	10,730	8,233	77,895	72,651	8.8
Delaware	185	151	54	1,281	1,061	20.7
Florida	1,857	2,181	1,840	14,358	13,720	4.6
Georgia	2,575	2,356	1,944	16,079	14,826	8.9
Maryland	727	818	718	5,825	5,018	18.1
North Carolina	1,348	1,393	1,088	11,187	10,037	11.5
South Carolina	825	858	750	5,343	5,402	-1.1
Virginia	635	620	589	4,334	5,728	-24.3
West Virginia	2,142	2,464	1,450	18,287	17,280	11.7
East South Central	6,334	7,105	4,738	48,830	42,848	14.5
Alabama	1,783	1,074	1,395	12,832	12,164	5.5
Kentucky	2,935	3,002	2,036	21,285	17,547	21.3
Mississippi	308	396	277	2,342	2,043	14.7
Tennessee	1,808	1,834	1,030	12,371	10,895	13.5
West South Central	10,912	10,365	10,923	68,964	70,834	-2.6
Arkansas	1,092	823	1,025	8,049	6,448	-8.2
Louisiana	843	845	1,095	9,009	6,797	-11.2
Oklahoma	1,170	937	1,282	8,476	8,464	.3
Texas	7,737	7,590	7,522	48,430	49,164	-1.5
Mountain	7,951	7,670	7,710	57,058	55,286	3.2
Arizona	1,075	1,288	1,182	8,838	8,513	3.8
Colorado	1,225	1,334	1,107	8,831	9,082	-1.7
Montana	599	583	872	5,292	5,487	-4.1
Nevada	772	425	670	4,280	4,205	1.8
New Mexico	1,419	1,278	1,328	8,891	8,400	5.7
Utah	952	845	904	8,037	7,304	10.0
Wyoming	1,918	1,738	1,575	12,930	12,296	4.3
Pacific	534	435	445	3,284	3,310	-1.4
Oregon	101	—	—	101	—	—
Washington	433	435	445	3,183	3,310	-4.4
U.S. Total	83,427	83,804	55,429	453,312	425,868	6.4

Note. Total may not equal sum of components because of independent rounding

Source Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 8. Quality and Price of Coal Receipts at Electric Utility Plants,
July 1990

Census Division and State	July 1990		July 1988		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1980		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.92	183	0.80	173	0.94	180	0.95	167	-0.9	7.4
Connecticut	.41	217	.41	214	.41	211	.39	218	8.5	-3.1
Massachusetts	.99	178	.98	181	.96	172	.93	158	3.3	8.5
New Hampshire	1.57	178	1.42	174	1.33	178	1.57	167	-15.1	7.0
Mid Atlantic	1.75	155	1.65	152	1.64	155	1.58	148	3.7	4.8
New Jersey	1.43	179	.87	178	.83	179	.85	174	-2.6	3.1
New York	1.48	161	1.48	153	1.44	161	1.34	156	7.9	2.9
Pennsylvania	1.91	154	1.73	150	1.74	152	1.70	143	2.5	5.7
East North Central	1.57	150	1.58	156	1.67	153	1.69	155	-1.8	-1.4
Illinois	1.82	177	1.77	189	1.93	178	1.03	182	5.0	-3.6
Indiana	1.68	132	2.13	130	1.91	139	2.17	138	-11.7	1.2
Michigan	.55	185	.57	174	.84	186	.58	178	6.9	-8.8
Ohio	1.99	148	2.03	144	2.04	152	2.08	148	-2.0	4.0
Wisconsin	.92	136	.88	150	.84	137	.87	144	-3.2	-5.3
West North Central	1.10	114	1.05	118	1.11	115	1.16	116	-4.2	-.4
Iowa	.98	117	.92	121	.78	112	.05	124	-8.9	-9.8
Kansas	.63	120	.84	125	.68	125	.69	122	-.8	2.2
Minnesota	.54	130	.57	129	.56	133	.63	129	-11.3	3.4
Missouri	1.89	137	1.78	141	1.97	130	2.03	134	-2.8	3.2
Nebraska	.40	77	.41	82	.42	77	.42	87	.1	-11.5
North Dakota	1.19	68	1.12	70	1.22	.69	1.10	70	11.1	-1.2
South Dakota	1.58	111	1.48	123	1.51	117	1.49	125	1.6	-8.5
South Atlantic	1.21	167	1.24	196	1.23	188	1.20	164	2.7	2.5
Delaware	.73	185	.87	187	.73	183	.78	179	-6.0	2.2
Florida	1.45	185	1.48	182	1.43	185	1.43	178	2	4.1
Georgia	1.23	171	1.35	170	1.39	173	1.35	173	2.7	-3
Maryland	1.15	185	1.03	168	1.11	185	1.08	158	2.3	3.5
North Carolina	.78	179	.74	175	.75	179	.73	175	4.1	2.1
South Carolina	.97	170	.87	170	.93	172	.88	172	5.7	0
Virginia	.73	148	.77	154	.75	150	.71	152	4.8	3.0
West Virginia	1.55	147	1.73	139	1.51	148	1.50	140	6	4.6
East South Central	1.75	140	1.83	148	1.79	144	1.90	143	-.7	.4
Alabama	1.23	182	1.43	188	1.25	186	1.33	188	-8.0	-6
Kentucky	2.28	121	2.42	117	2.25	118	2.31	114	-2.8	4.8
Mississippi	1.43	194	1.23	183	1.37	184	1.20	170	14.1	-4.0
Tennessee	1.81	138	1.42	137	1.88	136	1.65	134	1.0	1.4
West South Central	.85	144	.81	148	.84	148	.80	148	4.0	.6
Arkansas	.37	147	.39	160	.40	166	.39	183	1.4	1.8
Louisiana	.00	170	.57	168	.81	170	.81	192	-.8	5.1
Oklahoma	.50	143	.49	140	.53	139	.49	136	10.1	2.4
Texas	1.03	140	.98	141	1.00	145	.96	145	4.8	-4
Mountain	.56	108	.80	110	.59	114	.55	112	-.8	1.2
Arizona	.48	131	.45	130	.46	145	.46	139	.1	4.1
Colorado	.40	104	.37	106	.39	108	.37	107	5.0	1.1
Montana	.73	70	1.01	.58	.73	.89	.81	.55	-8.8	19.8
Nevada	.48	137	.48	137	.49	152	.47	142	1.8	8.8
New Mexico	.85	125	.91	124	.87	130	.88	125	1.7	3.8
Utah	.43	118	.41	124	.44	113	.43	126	2.7	-10.3
Wyoming	.59	78	.63	.88	.80	.83	.58	.85	3.2	-2.1
Pacific	.98	152	.84	158	.84	158	.91	154	3.7	2.8
Oregon	.38	111	—	—	.38	111	—	—	—	—
Washington	.78	162	.84	156	.89	180	.81	154	5.5	3.8
U.S. Total	1.28	144	1.22	144	1.29	148	1.27	144	1.7	1.1

Notes. Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 9. Quality and Price of Contract Coal Receipts at Electric Utility Plants, July 1990

Census Division and State	July 1990		July 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.95	183	0.82	175	0.96	179	0.84	168	13.1	6.5
Connecticut .....	.41	217	.41	218	.41	212	.39	224	64	-5.2
Massachusetts .....	.96	172	.88	159	.89	168	.93	157	58	7.1
New Hampshire	1.62	175	-	-	1.40	178	-	-	-	-
Mld Atlantic	1.83	160	1.73	163	1.71	158	1.65	153	3.5	3.0
New Jersey	1.53	178	.93	178	.83	178	.91	174	-9.1	2.1
New York	1.44	163	1.33	162	1.45	162	1.30	162	117	-1
Pennsylvania	1.91	159	1.88	162	1.64	155	1.79	150	28	3.8
East North Central	1.65	160	1.53	188	1.71	160	1.71	164	.2	-2.1
Illinois	1.93	189	1.81	197	2.00	184	1.88	188	8.2	-1.9
Indiana	1.89	135	2.32	141	1.95	143	2.20	144	-11.7	-5
Michigan .....	.56	172	.56	178	.61	188	.59	161	4.3	-6.6
Ohio	2.10	165	2.06	168	2.18	165	2.21	162	-2.5	2.2
Wisconsin	1.02	146	.92	153	.91	143	.89	145	20	-1.2
West North Central	1.09	114	1.01	116	1.10	117	1.13	117	-3.2	-.1
Iowa	1.00	123	.77	130	.80	121	.74	128	8.0	-5.4
Kansas .....	.46	126	.68	125	.45	125	.54	125	-16.6	-3
Minnesota .....	.53	130	.55	129	.54	135	.62	129	-13.1	4.0
Missouri	1.98	140	1.77	141	2.08	141	2.08	138	1	3.8
Nebraska .....	.40	79	.41	83	.41	80	.43	88	-3.7	-10.5
North Dakota	1.19	88	1.12	70	1.22	.69	1.10	70	10.8	-2.0
South Dakota	1.58	111	1.48	123	1.51	117	1.48	125	1.8	-8.5
South Atlantic	1.24	177	1.22	174	1.24	175	1.20	172	3.1	1.7
Delaware .....	.89	188	.87	187	.73	183	.70	181	-8.4	8
Florida	1.37	193	1.28	103	1.34	193	1.29	188	3.0	2.5
Georgia	1.35	184	1.34	178	1.43	180	1.41	181	1.5	-6
Maryland	1.13	188	1.19	182	1.11	167	1.14	182	-2.2	8.1
North Carolina .....	.78	184	.74	181	.75	183	.73	180	3.8	1.9
South Carolina .....	.98	178	.88	178	.93	177	.80	180	4.3	-1.5
Virginia .....	.77	157	.75	152	.78	157	.72	153	5.1	2.4
West Virginia	1.62	157	1.77	148	1.58	157	1.53	152	3.6	3.4
East South Central	1.04	155	1.78	181	1.87	152	1.80	158	4.0	-3.0
Alabama	1.13	207	1.25	217	1.10	204	1.24	200	-11.6	2.1
Kentucky	2.53	122	2.56	125	2.62	121	2.61	123	3	-1.7
Mississippi	1.20	170	1.07	169	1.14	170	1.08	177	7.1	-4.0
Tennessee	1.60	142	1.40	143	1.72	140	1.71	139	1.0	.6
West South Central .....	.88	145	.81	148	.85	149	.79	143	7.4	4.1
Arkansas .....	.37	147	.38	100	.40	168	.39	163	1.4	1.8
Louisiana .....	.60	170	.57	166	.61	170	.60	163	7	4.4
Oklahoma .....	.48	146	.46	141	.51	142	.48	137	8.6	3.6
Texas	1.04	140	.99	141	1.02	145	.87	138	5.8	5.3
Mountain .....	.57	111	.61	112	.56	116	.56	114	.6	1.8
Arizona .....	.46	131	.45	130	.48	145	.46	139	.1	4.1
Colorado .....	.40	105	.37	107	.39	109	.37	108	5.4	.9
Montana .....	.73	70	1.01	.59	.73	.66	.81	.55	-8.9	19.8
Nevada .....	.48	137	.48	137	.46	152	.47	142	1.8	6.8
New Mexico .....	.85	125	.81	124	.87	130	.88	125	1.7	3.6
Utah .....	.43	117	.41	127	.43	115	.42	128	2.5	-10.6
Wyoming .....	.60	81	.66	62	.62	.86	.60	.87	3.0	-1.2
Pacific .....	.70	153	.89	160	.80	163	.87	161	3.7	.8
Oregon .....	.38	111	—	—	.38	111	—	—	—	—
Washington .....	.78	165	.69	160	.92	165	.87	161	5.8	2.1
U.S. Total	1.27	148	1.16	148	1.20	150	1.25	148	3.2	1.1

Notes. Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source. Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 10. Quality and Price of Spot Coal Receipts at Electric Utility Plants, July 1990

Census Division and State	July 1990		July 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
West New England	0.87	184	1.08	188	0.81	182	1.19	166	-23.8	9.7
Connecticut	-	-	.42	180	43	198	39	178	8.8	11.5
Massachusetts	.79	184	.99	185	.81	180	.83	163	-2.3	10.3
New Hampshire	1.43	177	1.42	174	1.05	106	1.57	187	-33.1	10.8
Mid-Atlantic	1.47	140	1.49	133	1.41	145	1.37	132	3.1	10.0
New Jersey	.58	181	.57	185	.08	190	.72	173	22.3	10.1
New York	1.58	159	1.66	142	1.42	159	1.41	145	8	8.7
Pennsylvania	1.45	133	1.46	128	1.43	139	1.43	124	4	12.6
West North Central	1.33	125	1.84	116	1.50	127	1.82	118	-7.2	7.9
Illinois	1.40	132	1.43	123	1.56	133	1.34	125	16.4	5.8
Indiana	1.70	115	1.66	104	1.75	118	2.00	108	-12.7	10.8
Michigan	.53	144	.85	138	.72	151	.83	151	14.0	.2
Ohio	1.66	121	1.98	114	1.79	123	1.80	111	-1	10.9
Wisconsin	.71	117	.68	130	.84	117	.73	142	-11.8	-17.2
West North Central	1.16	109	1.40	118	1.18	107	1.37	108	-14.5	1.3
Iowa	.98	101	.94	102	.87	92	1.45	105	-53.5	-11.8
Kansas	1.93	128	2.79	120	2.21	128	1.44	107	53.7	17.3
Minnesota	.98	126	1.08	128	.80	113	.78	117	5.2	-3.8
Missouri	1.43	125	1.80	138	1.52	125	1.87	117	-8.9	8.6
Nebraska	.41	69	.36	70	.45	68	.36	87	26.0	.8
North Dakota	-	-	-	-	-	-	1.00	48	-	-
South Atlantic	1.14	142	1.30	140	1.21	144	1.19	138	1.4	3.9
Delaware	.85	173	-	-	.73	184	.89	181	-18.5	13.8
Florida	1.91	142	2.17	145	1.80	150	1.85	144	-2.5	4.1
Georgia	1.04	149	1.35	147	1.20	152	1.18	151	7.1	1.0
Maryland	1.19	183	.82	175	1.10	181	.96	153	153	4.8
North Carolina	.70	144	.74	149	.78	155	.71	144	8.0	7.8
South Carolina	.95	159	.88	159	.82	157	.85	155	8.4	1.3
Virginia	.82	129	.78	150	.73	155	.71	150	2.7	3.3
West Virginia	1.34	114	1.84	113	1.30	114	1.42	102	-8.2	12.2
West South Central	1.44	123	2.03	108	1.54	121	1.79	107	-13.9	12.9
Alabama	1.64	130	2.10	118	1.79	128	1.83	121	-2.2	4.2
Kentucky	1.33	117	2.15	100	1.43	118	1.90	101	-24.6	15.2
Mississippi	1.89	146	2.02	134	1.94	147	1.88	135	3.4	9.9
Tennessee	1.29	120	1.53	113	1.44	122	1.39	113	3.9	7.8
East South Central	.62	127	.71	120	.57	128	.68	184	-34.0	-31.3
Louisiana	-	-	-	-	-	-	.87	131	-	-
Oklahoma	.80	118	.80	124	.69	121	.56	125	23.3	-3.4
Texas	.44	134	.41	108	.47	130	.90	193	-47.6	-32.7
Mountain	.47	87	.40	88	.45	87	.40	88	12.3	1.0
Colorado	.38	98	.38	87	.38	101	.38	98	2.4	2.8
Utah	.48	105	.43	106	.48	104	.40	103	-2.2	1.4
Wyoming	.53	88	.38	58	.49	88	.39	63	25.7	4.3
Pacific	.57	127	.38	123	.38	128	.48	117	-28.0	0.0
Washington	.57	127	.39	123	.38	128	.49	117	-28.0	0.0
S. Total	1.22	128	1.47	128	1.31	130	1.37	127	-4.4	1.8

Notes. Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 11. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, July 1990

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	329	262	718	204	286	175	1,332	212	1.07	44.1	-0.5	-4.0
Arizona	1,079	103	-	-	-	-	1,078	103	48	-4.9	5	3.9
Colorado	1,053	131	10	108	-	-	1,083	131	.40	28.0	3.5	4.9
Illinois	-	-	718	164	3,380	155	4,104	157	2.30	25.3	-1.5	3.4
Indiana	33	152	272	127	2,268	128	2,573	126	2.34	26.0	3	-7
Iowa	-	-	-	-	7	180	7	180	2.66	75.0	4.5	-36.0
Kansas	-	-	-	-	51	122	51	122	2.53	-57.7	-7.4	-35.5
Kentucky	1,249	166	8,029	167	3,178	127	10,455	155	1.43	18.5	-5	1.3
Louisiana	-	-	299	129	-	-	289	129	.78	21.1	-4.1	-9
Maryland	-	-	215	103	-	-	215	103	1.21	42.8	14.5	-6.4
Missouri	-	-	-	-	140	172	140	172	3.78	-16.4	8.3	-16.7
Montana	1,529	182	1,207	108	-	-	2,738	151	.51	-18.3	6.7	-20.3
New Mexico	274	165	1,583	132	-	-	1,857	138	.77	3.8	-9	-3.8
North Dakota	-	-	1,703	70	184	73	1,977	70	1.23	4	-8.3	6.8
Ohio	1	175	171	144	2,215	147	2,387	148	2.88	16.7	-2.7	1.1
Oklahoma	22	155	35	148	6	105	62	145	1.11	-18.4	.2	-25.0
Pennsylvania	128	184	2,484	155	1,052	158	3,674	156	1.48	19.0	1.8	4.8
Tennessee	41	125	248	144	71	133	357	139	1.17	2.8	1.8	5.5
Texas	-	-	3,887	82	864	115	4,552	86	1.58	3.2	-11	3.4
Utah	1,076	127	57	138	-	-	1,133	127	.44	8.1	-1.5	5.2
Virginia	193	183	1,177	182	-	-	1,370	185	.93	-5.4	.1	3.3
Washington	-	-	401	185	-	-	401	185	.78	.0	3.0	-12.5
West Virginia	1,720	173	2,818	156	1,774	143	6,113	157	1.34	73.3	2.6	-4.8
Wyoming	14,918	135	533	83	-	-	15,450	133	.44	10.0	-5.5	6
Imported	40	153	-	-	-	-	40	153	.47	-65.0	-21.8	-5.8
U.S. Total.	23,685	145	24,262	148	15,480	141	63,427	144	1.28	14.4	.1	3.2

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-July 1990

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	2,538	258	4,554	187	2,523	185	8,614	206	1.09	16.2	1.6	0.9
Arizona	6,218	109	-	-	-	-	8,218	108	48	-8.8	3.9	1.3
Colorado	8,730	142	150	218	-	-	8,880	143	39	15.3	5.3	4.8
Illinois	-	-	5,972	165	25,426	154	31,398	156	2.41	1.3	-5	3.1
Indiana	379	152	1,930	128	16,164	128	18,472	128	2.27	23.2	1.3	-6
Iowa	-	-	-	-	36	103	36	183	3.59	71.4	8.7	-3.7
Kansas	-	-	-	-	426	120	420	120	2.57	24.6	-4.1	-23.3
Kentucky	10,253	189	40,400	169	25,190	125	75,851	155	1.49	11.3	6	2.5
Louisiana	-	-	1,800	135	-	-	1,900	135	80	13.4	5.7	-4.8
Maryland	-	-	1,519	157	44	110	1,582	156	1.25	20.2	7.5	-3.7
Missouri	-	-	-	-	1,403	171	1,403	171	3.86	-18.0	28.2	-5.9
Montana	7,325	191	11,505	108	-	-	16,030	142	58	-1.8	5.4	-7.1
New Mexico	3,700	184	9,811	135	-	-	13,310	149	74	6.6	3.1	1.5
North Dakota	-	-	12,436	73	679	63	13,416	73	1.24	-2.0	-2.0	10.0
Ohio	24	151	1,137	143	16,527	150	17,088	150	2.84	1.4	-2.2	1.8
Oklahoma	388	147	315	143	152	112	850	139	1.28	46.8	-8	-33.2
Pennsylvania	1,225	174	20,442	154	8,279	152	29,846	154	1.46	12.6	4.7	3.3
Tennessee	118	123	2,238	154	563	136	2,919	149	1.14	10.6	7.9	9.6
Texas	-	-	19,185	104	0,075	111	20,240	108	1.55	1.1	2.2	2.0
Utah	6,360	115	567	153	-	-	8,947	118	44	9.6	-9.1	7
Virginia	1,967	167	7,867	165	9	155	9,842	170	.87	-8.4	3.1	-6
Washington	-	-	2,815	165	-	-	2,815	185	62	-3.2	3.6	6.2
West Virginia	13,483	189	22,713	160	14,191	142	50,387	157	1.31	6.5	4.2	1.5
Wyoming	63,686	136	5,847	101	8	138	99,844	134	44	8.2	-3.5	-6
Imported	221	179	567	177	-	-	808	178	.61	32.5	1.6	6.3
U.S. Total	156,635	148	173,688	149	121,088	148	453,312	148	1.29	6.4	1.1	1.7

Notes. Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 13. Destination of Coal Received at Electric Utility Plants by Origin, January-July 1990

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1986	1980	1986	1990	1986	1990	1986
Alabama	12,832	12,184	76.8	81.3	1.25	1.33	188	186
Alabama	9,453	8,219	84.7	84.8	1.06	1.06	207	203
Illinois	412	534	-	4.7	2.03	1.96	112	109
Indiana	459	151	-	-	2.05	2.84	117	105
Kentucky	1,434	1,280	34.4	57.7	2.03	2.10	133	128
Ohio	366	1,503	83.2	100.0	2.02	1.89	118	208
Tennessee	487	441	13.3	35.1	.67	.60	124	122
West Virginia	4	30	-	100.0	.51	.60	151	124
Wyoming	218	-	-	-	.44	-	170	-
Arizona	8,038	8,513	100.0	100.0	.46	.46	145	139
Arizona	3,973	4,111	100.0	100.0	.44	.44	101	89
Colorado	808	320	100.0	100.0	.32	.34	175	171
New Mexico	4,257	4,081	100.0	100.0	.50	.46	187	182
Arkansas	8,049	6,446	100.0	100.0	.40	.39	166	163
Wyoming	6,049	8,448	100.0	100.0	.40	.36	166	163
Colorado	6,931	8,062	67.7	88.0	.39	.37	108	107
Colorado	5,853	5,808	81.3	83.6	.39	.37	108	109
New Mexico	-	11	-	-	.42	-	-	131
Wyoming	3,077	3,285	100.0	88.1	.39	.37	106	102
Connecticut	810	483	81.8	87.3	.41	.39	211	218
Kentucky	610	463	91.8	87.3	.41	.39	211	218
Delaware	1,201	1,001	73.3	69.0	.73	.78	183	179
Kentucky	117	24	14.2	75.0	.52	.81	184	177
Maryland	21	7	100.0	100.0	1.11	1.16	141	138
Pennsylvania	193	269	43.4	78.8	1.09	1.19	185	170
Virginia	161	14	47.8	100.0	.67	.72	188	202
West Virginia	789	747	95.2	82.9	.67	.65	183	182
Florida	14,358	13,720	81.4	76.5	1.43	1.43	185	178
Alabama	-	13	-	-	2.55	-	-	114
Illinois	2,445	2,369	88.3	100.0	2.41	2.36	208	187
Indiana	292	303	-	25.3	2.84	2.89	108	121
Kentucky	8,287	8,014	76.9	88.5	1.30	1.20	179	172
Tennessee	02	30	100.0	100.0	.83	.79	218	214
Virginia	517	480	100.0	100.0	.58	.58	248	232
West Virginia	1,185	1,262	68.5	86.1	.88	.89	184	182
Imported coal Colombia	479	412	100.0	100.0	.85	.61	177	173
Imported coal Venezuela	80	37	-	-	.55	.36	182	141
Georgia	18,079	14,620	75.2	78.1	1.38	1.35	173	173
Alabama	161	43	14.4	-	1.60	1.59	155	152
Illinois	2,960	3,022	83.8	100.0	2.50	2.19	167	184
Kentucky	8,032	8,273	72.6	87.2	1.28	1.25	168	163
Montana	-	54	-	-	.34	-	-	181
Tennessee	099	525	62.0	92.3	1.06	.70	187	205
Virginia	1,833	1,933	81.7	87.8	1.07	1.11	176	187
West Virginia	864	752	100.0	100.0	.57	.54	248	240
Wyoming	828	-	0.3	-	.38	-	124	-
Imported coal Colombia . . .	-	23	-	-	.54	-	-	173
Illinois	15,433	14,147	84.7	91.8	1.93	1.83	178	162
Illinois	8,095	8,151	80.1	86.0	2.71	2.67	147	151
Indiana	1,275	1,141	72.1	67.1	1.58	1.32	124	127
Kentucky	1,282	955	39.6	63.9	.85	.61	155	163
Montana	1,633	1,613	100.0	89.2	.39	.38	292	282
New Mexico	111	-	-	-	.43	-	170	-
West Virginia	152	160	15.2	56.1	.52	.52	158	167
Wyoming	1,886	2,127	05.3	88.5	.42	.46	283	280
Indiana	28,590	21,365	64.0	82.8	1.91	2.17	139	138
Colorado	366	-	100.0	-	.36	-	300	-
Illinois	5,553	5,025	88.0	88.0	2.40	2.43	160	181
Indiana	12,272	10,268	82.8	85.1	2.39	2.47	128	123
Kentucky	2,834	2,449	68.1	79.7	2.34	2.43	136	126
Montana	399	142	65.1	77.3	.36	.35	242	257
Ohio	40	7	-	-	2.17	1.83	125	130
West Virginia	253	204	89.6	38.9	.55	.82	207	177
Wyoming	6,878	3,258	61.9	73.1	.38	.44	129	152
Iowa	8,031	8,212	70.3	86.1	.76	.85	112	124
Illinois	854	811	88.4	68.1	2.51	2.57	182	150
Indiana	492	340	56.5	52.7	2.22	2.18	138	128
Iowa	38	21	100.0	100.0	3.59	3.72	163	150
Kentucky	9	53	-	-	2.73	2.34	124	138
Wyoming	7,639	8,888	88.4	80.8	.43	.44	105	118

See footnotes at end of table

Table 13. Destination of Coal Received at Electric Utility Plants by Origin, January-July 1990 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1980	1989	1990	1988	1990	1989	1990	1989
Kansas	6,296	8,972	89.3	84.8	0.68	0.69	125	122
Colorado	137	-	100.0	-	32	-	118	-
Illinois	758	469	18.1	20.7	2.56	2.66	147	139
Kansas	198	306	-	45.2	2.45	3.41	121	125
Wyoming	6,204	6,197	97.8	90.0	41	42	123	121
Kentucky	21,285	17,547	69.8	59.5	2.25	2.31	119	114
Illinois	91	9	88.6	-	1.59	1.72	135	116
Indiana	1,571	1,298	60.9	42.0	2.40	2.12	110	105
Kentucky	17,115	14,347	73.4	64.0	2.44	2.52	118	114
Ohio	178	86	57.7	57.0	2.36	2.15	150	132
Pennsylvania	11	4	-	100.0	2.03	2.22	107	157
Tennessee	336	289	02.9	1	2.09	2.04	121	102
Virginia	60	-	100.0	-	.58	-	159	-
West Virginia	1,909	1,503	39.8	42.0	63	66	128	118
Wyoming	113	-	34.5	-	35	-	124	-
Louisiana	6,009	6,767	100.0	86.3	.61	.61	170	182
Louisiana	1,800	1,566	100.0	64.4	80	84	135	128
West Virginia	159	105	100.0	100.0	52	50	205	203
Wyoming	4,051	5,074	100.0	100.0	54	56	160	189
Maryland	5,825	5,016	66.8	70.3	1.11	1.08	165	159
Kentucky	304	443	73.0	90.1	.58	.58	181	163
Maryland	079	787	46.4	56.7	1.22	1.23	171	185
Pennsylvania	1,418	1,417	93.4	95.6	1.47	1.49	100	168
West Virginia	3,123	2,231	80.6	59.5	.97	.82	156	140
Imported coal	Colombia	-	139	-	-	49	-	180
Massachusetts	2,498	2,711	69.9	76.9	.98	.93	172	159
Kentucky	7	23	-	-	70	69	172	139
Maryland	40	-	-	-	75	-	105	-
Pennsylvania	639	458	35.9	4.4	1.09	1.03	173	184
Virginia	792	1,194	96.2	100.0	95	00	173	161
West Virginia	807	1,039	84.9	00.0	67	83	169	154
Imported coal	Colombia	64	-	-	.61	-	179	-
Imported coal	Venezuela	70	-	-	49	-	101	-
Michigan	14,726	14,379	00.0	80.5	.94	.59	188	178
Indiana	112	100	79.5	87.5	2.44	2.31	162	181
Kentucky	3,929	3,947	72.8	06.8	.72	.84	190	109
Montana	5,160	5,302	99.4	100.0	.36	.30	159	159
Ohio	73	80	100.0	100.0	2.90	2.65	210	209
Pennsylvania	1,055	933	72.9	81.9	1.08	1.02	158	173
Virginia	113	354	100.0	100.0	1.09	00	198	175
West Virginia	3,224	3,398	79.6	77.6	.60	.57	171	103
Wyoming	1,061	298	41.9	-	.31	.33	111	119
Minnesota	8,830	8,580	93.2	94.8	.56	.93	133	129
Illinois	28	37	100.0	100.0	1.31	1.39	198	195
Indiana	30	42	84	-	1.77	1.58	161	139
Kentucky	9	-	58.6	-	.91	-	189	-
Montana	5,379	5,316	00.0	93.0	.75	.81	137	131
North Dakota	1	-	100.0	-	.87	-	174	-
Pennsylvania	3	-	100.0	-	1.02	-	170	-
West Virginia	2	-	100.0	-	.95	-	160	-
Wyoming	4,161	3,166	88.2	90.4	.30	.31	127	124
Mississippi	2,342	2,043	70.7	63.1	1.37	1.20	164	170
Illinois	890	600	69.8	89.4	2.02	1.98	150	146
Indiana	16	-	-	-	4.28	-	127	-
Kentucky	1,949	1,415	63.6	81.7	1.07	.68	170	191
West Virginia	22	-	-	-	-	1.12	-	144
Missouri	13,972	14,215	78.6	87.5	1.97	2.03	138	134
Colorado	110	9	100.0	100.0	.40	.31	159	139
Illinois	7,216	6,171	94.6	90.5	2.21	2.17	152	148
Indiana	115	55	100.0	48.1	2.80	1.09	122	123
Kansas	232	37	4	41.1	2.69	2.08	120	128
Kentucky	742	-	80.1	-	2.53	-	124	-
Missouri	1,403	1,733	97.5	69.0	3.99	4.21	171	132
New Mexico	16	-	-	-	.34	-	135	-
Ohio	24	-	-	-	2.10	-	171	-
Oklahoma	36	212	100.0	70.2	3.61	3.32	139	135
Wyoming	4,073	3,996	95.2	78.1	.42	.44	87	94
Montana	5,392	5,467	100.0	100.0	.73	.61	89	55
Montana	5,262	5,497	100.0	100.0	.73	.61	88	55

See footnotes at end of table.

Table 13. Destination of Coal Received at Electric Utility Plants by Origin, January-July 1990 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1980	1990	1000	1090	1909	1990	1989
Nebraska	5,034	4,274	76.2	80.1	0.42	0.42	77	87
Colorado	-	55	-	100.0	-	40	-	182
Montana	-	0	-	-	-	36	-	23
Wyoming	5,034	4,210	76.2	80.0	.42	.42	77	85
Nevada	4,280	4,205	100.0	100.0	.40	.47	152	142
Arizona	2,245	2,710	100.0	100.0	.49	.47	123	114
Utah	1,656	1,349	100.0	100.0	.47	.45	101	182
Wyoming	378	148	100.0	100.0	.43	.52	202	196
New Hampshire	698	498	90.0	-	1.33	1.57	179	167
Kentucky	17	-	-	-	.69	-	201	-
Pennsylvania	90	80	100.0	-	1.01	.97	179	173
West Virginia	477	400	82.3	-	1.60	1.70	170	166
Imported coal Canada	34	-	-	-	.97	-	101	-
Imported coal Venezuela	01	-	100.0	-	.39	-	189	-
New Jersey	1,752	1,003	80.0	71.4	.03	.85	170	174
Kentucky	31	48	-	-	.02	.58	190	177
Ohio	14	-	-	-	1.00	-	203	-
Pennsylvania	26	22	-	-	.95	1.37	109	184
Virginia	700	750	00.9	71.0	.50	.61	177	172
West Virginia	001	1,083	80.0	75.0	1.02	1.04	100	175
New Mexico	0,001	8,400	100.0	100.8	.67	.86	130	125
New Mexico	0,001	8,400	100.0	100.0	.67	.86	130	125
New York	9,131	5,016	80.1	65.0	1.44	1.34	181	158
Kentucky	316	308	00.5	100.0	.38	.30	200	201
Maryland	10	-	-	-	1.20	-	166	-
Ohio	38	7	-	-	1.55	1.53	160	160
Pennsylvania	3,225	3,259	47.0	45.8	1.45	1.35	155	148
West Virginia	2,933	1,984	87.0	82.0	1.57	1.50	162	162
North Carolina	11,187	10,037	05.0	87.2	.75	.73	170	175
Kentucky	5,995	5,012	82.7	84.4	.79	.73	105	170
Tennessee	-	118	-	100.0	-	1.05	-	180
Virginia	2,400	2,503	06.0	82.0	.03	.70	100	160
West Virginia	3,127	2,405	70.0	88.0	.03	.62	177	173
North Dakota	12,280	12,521	100.0	97.5	1.22	1.10	80	70
North Dakota	12,280	12,521	100.0	97.5	1.22	1.10	00	70
Ohio	30,000	27,974	07.0	80.1	2.04	2.08	152	149
Illinois	24	-	-	-	2.57	-	117	-
Indiana	40	33	-	-	2.93	2.20	100	92
Kentucky	5,911	4,987	40.3	55.7	1.00	1.07	150	151
Ohio	14,712	14,024	71.1	72.0	2.60	2.81	154	150
Pennsylvania	1,984	1,773	58.2	55.5	1.72	1.70	130	133
West Virginia	7,492	7,157	78.1	70.7	1.49	1.40	148	139
Oklahoma	8,470	8,454	88.3	92.0	.53	.49	139	138
Oklahoma	810	372	48.7	20.0	1.17	1.12	138	143
Wyoming	7,857	8,002	02.5	05.0	.45	.44	139	135
Oregon	101	-	100.0	-	.38	-	111	-
Wyoming	101	-	100.0	-	.38	-	111	-
Pennsylvania	20,071	23,003	70.3	75.8	1.74	1.70	152	143
Ohio	1,272	1,210	07.0	05.7	3.95	3.32	151	147
Pennsylvania	20,123	17,372	09.0	78.1	1.48	1.44	153	144
West Virginia	5,276	5,313	05.4	00.2	2.33	2.10	140	139
South Carolina	6,343	5,492	74.2	67.8	.83	.88	172	172
Kentucky	4,593	4,700	74.0	05.0	.02	.87	174	174
Tennessee	164	23	-	4	1.19	1.22	104	151
Virginia	577	575	02.4	87.4	.93	.05	101	157
West Virginia	8	4	47.4	100.0	.77	.89	179	198
South Dakota	1,135	1,182	100.0	100.0	1.51	1.49	117	125
North Dakota	1,135	1,162	100.0	100.0	1.51	1.49	117	125
Tennessee	12,371	10,005	70.7	81.4	1.88	1.86	138	134
Illinois	771	905	30.3	81	1.88	1.68	118	112
Indiana	704	-	-	-	1.75	-	123	-
Kentucky	0,333	0,005	87.2	01.0	1.71	1.75	140	141
Tennessee	072	1,205	70.5	60.1	1.14	1.12	121	115
Virginia	801	002	100.0	81.0	1.30	1.44	131	122
West Virginia	-	18	-	100.0	-	2.00	-	139
Texas	40,430	40,104	87.1	07.4	1.00	.96	145	145
Colorado	1,050	800	07.2	100.0	.35	.34	205	221
Texas	20,240	27,921	99.7	90.5	1.55	1.52	106	104
Utah	-	207	-	57.8	-	.40	-	171
Wyoming	18,131	20,230	84.0	82.0	.44	.42	183	184

See footnotes at end of table

Table 13. Destination of Coal Received at Electric Utility Plants by Origin, January-July 1990 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Utah	8,037	7,304	97.7	93.0	0.44	0.43	113	126
Colorado	746	708	100.0	100.0	52	39	221	240
Utah	7,291	8,598	86.5	92.3	.43	.43	103	115
Virginia	4,334	5,729	69.7	51.0	.75	.71	156	152
Kentucky	1,443	1,815	60.7	43.8	.91	.78	159	152
Virginia	1,911	2,114	74.5	73.2	.70	.70	154	157
West Virginia	980	1,799	73.5	32.1	.78	.66	158	146
Washington	3,163	3,310	98.7	94.9	.86	.81	160	154
Washington	2,815	2,807	99.7	96.6	.92	.07	165	159
Wyoming	348	403	-	-	.35	.42	127	124
West Virginia	18,287	17,260	73.7	74.9	1.51	1.50	146	140
Kentucky	523	368	82.5	68.7	.94	.78	175	176
Maryland	503	506	53.9	47.4	1.37	1.41	124	113
Ohio	968	530	53.6	28.7	3.27	3.34	95	105
Pennsylvania	322	176	10.5	17.9	1.58	1.17	116	122
West Virginia	18,971	15,680	76.3	79.1	1.43	1.46	148	141
Wisconsin	10,118	10,022	74.3	87.7	.84	.87	137	144
Illinois	710	818	72.9	89.0	1.79	1.75	142	143
Indiana	1,098	1,231	98.5	94.9	1.74	1.80	189	178
Kentucky	112	244	-	37.7	.60	1.18	184	156
Montana	997	1,255	90.0	86.9	.70	.74	160	158
New Mexico	43	-	-	-	.39	-	174	-
Pennsylvania	956	765	100.0	100.0	1.27	1.28	159	150
Virginia	-	23	-	-	-	.55	-	181
West Virginia	102	3	-	-	1.11	.59	185	177
Wyoming	8,109	5,693	69.3	97.1	.41	.40	112	120
Wyoming	12,830	12,295	93.7	90.5	.60	.58	83	95
Wyoming	12,830	12,295	93.7	90.5	.60	.58	93	85
U.S. Total	453,312	425,869	92.7	93.2	1.29	1.27	149	144

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-July 1990

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1880	1888	1980	1988	1890	1888	1880	1880
Alabama	8,814	9,278	83.4	84.2	1.08	1.08	208	203
Alabama	8,453	8,218	94.7	94.9	1.08	1.08	207	203
Florida	-	13	-	-	-	2.55	-	114
Georgia	181	43	14.4	-	1.60	1.59	155	152
Arizona	8,218	8,821	100.0	100.0	.48	.45	108	105
Arizona	3,873	4,111	100.0	100.0	.44	.44	101	88
Nevada	2,245	2,710	100.0	100.0	.49	.47	123	114
Colorado	8,880	7,704	83.7	87.8	.38	.37	143	136
Arizona	808	320	100.0	100.0	.32	.34	175	171
Colorado	5,853	5,808	81.3	83.6	.39	.37	108	109
Indiana	388	-	100.0	-	.39	-	300	-
Kansas	137	-	100.0	-	.32	-	118	-
Missouri	110	8	100.0	100.0	.40	.31	158	139
Nebraska	-	55	-	100.0	-	.48	-	182
Texas	1,058	806	87.2	100.0	.35	.34	205	221
Utah	748	708	100.0	100.0	.52	.39	221	240
Illinois	31,388	30,987	84.7	87.7	2.41	2.34	156	157
Alabama	412	534	-	.47	2.03	1.88	112	109
Florida	2,445	2,369	89.3	100.0	2.41	2.38	208	107
Georgia	2,890	3,022	83.6	100.0	2.50	2.19	187	184
Illinois	8,085	8,151	80.1	88.0	2.71	2.07	147	151
Indiana	5,553	5,025	88.0	88.0	2.40	2.43	180	101
Iowa	854	811	88.4	68.1	2.51	2.57	182	150
Kansas	758	489	18.1	20.7	2.58	2.66	147	139
Kentucky	81	9	88.6	-	1.58	1.72	135	118
Minnesota	28	37	100.0	100.0	1.31	1.38	188	185
Mississippi	680	806	88.9	88.4	2.02	1.89	150	148
Missouri	7,218	8,171	84.8	80.5	2.21	2.17	152	149
Ohio	24	-	-	-	2.57	-	117	-
Tennessee	771	805	30.3	8.1	1.88	1.88	118	112
Wisconsin	710	918	72.8	88.0	1.78	1.75	142	143
Indiana	18,472	14,981	73.8	77.4	2.27	2.28	128	127
Alabama	459	151	-	-	2.05	2.04	117	105
Florida	292	303	-	25.3	2.04	2.09	108	121
Illinois	1,275	1,141	72.1	67.1	1.60	1.32	124	127
Indiana	12,272	10,289	82.8	85.1	2.30	2.47	120	123
Iowa	492	340	59.5	52.7	2.22	2.18	138	128
Kentucky	1,571	1,286	60.0	42.0	2.40	2.12	110	105
Michigan	112	100	78.5	87.5	2.44	2.31	182	161
Minnesota	30	42	8.4	-	1.77	1.68	161	138
Mississippi	18	-	-	-	4.20	-	127	-
Missouri	115	55	100.0	49.1	2.90	1.09	122	123
Ohio	49	33	-	-	2.03	2.28	109	82
Tennessee	704	-	-	-	1.75	-	123	-
Wisconsin	1,088	1,231	98.5	84.9	1.74	1.88	188	178
Iowa	38	21	100.0	100.0	3.59	3.72	183	150
Iowa	38	21	100.0	100.0	3.59	3.72	183	150
Kansas	428	344	.2	44.7	2.57	3.35	120	125
Kansas	188	300	-	45.2	2.45	3.41	121	126
Missouri	232	37	.4	41.1	2.66	2.88	120	126
Kentucky	75,851	68,131	73.2	71.3	1.48	1.48	155	154
Alabama	1,434	1,280	34.4	57.7	2.03	2.10	133	128
Connecticut	810	483	81.8	67.3	.41	.38	211	218
Delaware	117	24	14.2	75.0	.52	.81	184	177
Florida	9,287	8,814	78.8	88.5	1.30	1.28	179	172
Georgia	8,832	8,273	72.8	67.2	1.28	1.25	168	183
Illinois	1,282	955	38.8	63.9	.85	.81	155	163
Indiana	2,834	2,449	89.1	79.7	2.34	2.43	138	128
Iowa	8	53	-	-	2.73	2.34	124	138
Kentucky	17,115	14,347	73.4	84.0	2.44	2.52	118	114
Maryland	304	443	73.0	80.1	.56	.58	161	183
Massachusetts	7	23	-	-	.70	.88	172	138
Michigan	3,828	3,847	72.6	88.9	.72	.84	180	198
Minnesota	9	-	58.6	-	.91	-	188	-
Mississippi	1,848	1,415	83.9	81.7	1.07	.88	170	181
Missouri	742	-	99.1	-	2.53	-	124	-
New Hampshire	17	-	-	-	.68	-	201	-
New Jersey	31	48	-	-	.62	.58	180	177
New York	318	388	88.5	100.0	.38	.38	208	201

See footnotes at end of table

Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-July 1990 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1988	1980	1988	1990	1989
Kentucky								
North Carolina	5,595	5,012	82.7	84.4	0.79	0.73	185	179
Ohio	5,931	4,987	48.3	55.7	1.00	1.07	150	151
South Carolina	4,593	4,799	74.6	65.8	92	87	174	174
Tennessee	9,333	8,005	87.2	91.0	1.71	1.75	140	141
Virginia	1,443	1,815	80.7	43.8	81	79	159	152
West Virginia	523	368	82.5	69.7	84	.76	175	176
Wisconsin	112	244	-	37.7	80	1.18	184	156
Louisiana	1,800	1,588	100.0	84.4	.80	.84	135	120
Louisiana	1,800	1,588	100.0	84.4	80	84	135	128
Maryland	1,582	1,300	47.7	53.3	1.25	1.30	158	145
Delaware	21	7	100.0	100.0	1.11	1.18	141	138
Maryland	879	787	48.4	50.7	1.22	1.23	171	165
Massachusetts	40	-	-	-	.75	-	185	-
New York	19	-	-	-	1.20	-	168	-
West Virginia	503	506	53.0	47.4	1.37	1.41	124	113
Missouri	1,403	1,733	97.5	99.0	3.08	4.21	171	132
Missouri	1,403	1,733	97.5	89.0	3.98	4.21	171	132
Montana	10,830	18,189	84.1	90.7	.59	.63	142	135
Georgia	-	54	-	-	-	.34	-	181
Illinois	1,633	1,613	100.0	99.2	.39	.39	292	282
Indiana	399	142	85.1	77.3	.39	.35	242	257
Michigan	5,160	5,302	98.4	100.0	.38	.39	159	158
Minnesota	5,379	5,319	89.0	83.0	.75	.91	137	131
Montana	5,282	5,487	100.0	100.0	.73	.81	66	55
Nebraska	-	0	-	-	-	.39	-	23
Wisconsin	997	1,255	80.0	00.0	.70	.74	160	159
New Mexico	13,310	12,492	99.7	89.8	.74	.73	149	145
Arizona	4,257	4,081	100.0	100.0	.50	.48	197	182
Colorado	-	11	-	-	-	.42	-	131
Illinois	111	-	-	-	.43	-	170	-
Missouri	19	-	-	-	.34	-	135	-
New Mexico	8,881	8,400	100.0	100.0	.97	.86	130	125
Wisconsin	43	-	-	-	.39	-	174	-
North Dakota	13,418	13,683	100.0	97.7	1.24	1.13	73	74
Minnesota	1	-	100.0	-	.07	-	174	-
North Dakota	12,280	12,521	100.0	97.5	1.22	1.10	69	70
South Dakota	1,135	1,162	100.0	100.0	1.51	1.49	117	125
Ohio	17,600	17,449	72.1	75.4	2.84	2.70	150	153
Alabama	389	1,503	03.2	100.0	2.02	1.98	119	208
Indiana	40	7	-	-	2.17	1.83	125	130
Kentucky	179	98	57.7	57.0	2.38	2.15	150	132
Michigan	73	60	100.0	100.0	2.09	2.65	210	208
Missouri	24	-	-	-	2.10	-	171	-
New Jersey	14	-	-	-	1.98	-	203	-
New York	39	7	-	-	1.55	1.53	190	180
Ohio	14,712	14,024	71.1	72.0	2.80	2.91	154	150
Pennsylvania	1,272	1,219	87.8	85.7	3.35	3.32	151	147
West Virginia	969	530	53.0	28.7	3.27	3.34	95	105
Oklahoma	859	584	51.8	42.5	1.28	1.91	139	140
Missouri	38	212	100.0	70.2	3.84	3.32	138	135
Oklahoma	818	372	49.7	29.8	1.17	1.12	130	143
Pennsylvania	20,849	28,534	67.3	67.1	1.48	1.41	154	147
Delaware	193	269	43.4	78.0	1.09	1.19	185	170
Kentucky	11	4	-	100.0	2.03	2.22	107	157
Maryland	1,418	1,417	93.4	85.8	1.47	1.49	180	180
Massachusetts	939	458	35.0	4.4	1.09	1.03	173	184
Michigan	1,055	933	72.0	81.0	1.09	1.02	159	173
Minnesota	3	-	100.0	-	1.02	-	176	-
New Hampshire	80	98	100.0	-	1.01	.87	170	173
New Jersey	28	22	-	-	.85	1.37	189	184
New York	3,225	3,250	47.0	45.0	1.45	1.35	155	149
Ohio	1,984	1,773	59.2	55.5	1.72	1.70	130	133
Pennsylvania	20,123	17,372	69.0	70.1	1.49	1.44	153	144
West Virginia	322	178	10.5	17.8	1.50	1.17	110	122
Wisconsin	958	785	100.0	100.0	1.27	1.28	158	150
Tennessee	2,810	2,831	57.0	60.2	1.14	1.04	140	139
Alabama	487	441	13.3	35.1	.97	.80	124	122
Florida	92	30	100.0	100.0	.93	.79	219	214

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Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-July 1990 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Tennessee								
Georgia	899	525	92.0	82.3	1.08	0.70	187	205
Kentucky	338	299	82.9	.1	2.09	2.04	121	102
North Carolina	-	118	-	100.0	-	1.05	-	190
South Carolina	164	23	-	.4	1.19	1.22	164	151
Tennessee	872	1,205	76.5	99.1	1.14	1.12	121	115
Texas	28,240	27,921	99.7	99.5	1.55	1.52	106	104
Texas	28,240	27,921	99.7	80.5	1.55	1.52	106	104
Utah	8,947	9,152	99.0	92.7	.44	.44	118	128
Nevada	1,656	1,349	100.0	100.0	.47	.45	101	192
Texas	-	207	-	57.6	-	.46	-	171
Utah	7,291	5,598	80.5	82.3	.43	.43	103	115
Virginia	9,842	10,742	99.2	82.9	.87	.88	170	194
Delaware	181	14	47.0	100.0	.67	.72	199	202
Florida	517	490	100.0	100.0	.59	.58	249	232
Georgia	1,833	1,933	81.7	87.6	1.07	1.11	176	167
Kentucky	80	-	100.0	-	.58	-	159	-
Massachusetts	792	1,194	98.2	100.0	.85	.90	173	191
Michigan	113	354	100.0	100.0	1.09	.90	198	175
New Jersey	700	750	89.9	71.0	.59	.81	177	172
North Carolina	2,499	2,503	89.9	92.8	.83	.79	169	169
South Carolina	577	575	92.4	87.4	.93	.95	191	157
Tennessee	691	802	100.0	81.0	1.39	1.44	131	122
Virginia	1,911	2,114	74.5	73.2	.70	.70	154	157
Wisconsin	-	23	-	-	.55	-	-	181
Washington	2,815	2,907	88.7	89.8	.92	.87	185	159
Washington	2,815	2,907	89.7	89.9	.92	.87	185	159
West Virginia	50,387	47,314	78.1	75.7	1.31	1.29	157	151
Alabama	4	38	-	100.0	.51	.80	151	124
Delaware	789	747	85.2	82.9	.87	.85	183	192
Florida	1,195	1,202	88.5	96.1	.98	.98	184	102
Georgia	984	752	100.0	100.0	.57	.54	248	240
Illinois	152	100	15.2	59.1	.52	.52	159	187
Indiana	253	204	69.0	39.9	.55	.92	207	177
Kentucky	1,009	1,503	39.0	42.0	.63	.88	129	118
Louisiana	159	105	100.0	100.0	.52	.60	205	203
Maryland	3,123	2,231	80.8	59.5	.87	.92	158	146
Massachusetts	687	1,038	94.0	99.0	.97	.93	169	154
Michigan	3,224	3,388	76.8	77.9	.68	.57	171	183
Minnesota	2	-	100.0	-	.95	-	189	-
Mississippi	-	22	-	-	-	1.12	-	144
New Hampshire	477	408	82.3	-	1.60	1.70	178	199
New Jersey	981	1,063	88.0	75.9	1.02	1.04	160	175
New York	2,533	1,984	97.9	92.9	1.67	1.50	182	192
North Carolina	3,127	2,405	78.9	96.9	.83	.82	177	173
Ohio	7,482	7,157	78.1	70.7	1.49	1.48	149	139
Pennsylvania	5,278	5,313	85.4	90.2	2.33	2.19	146	139
South Carolina	9	4	47.4	100.0	.77	.89	179	199
Tennessee	-	18	-	100.0	-	2.09	-	139
Virginia	980	1,709	73.5	32.1	.78	.88	159	149
West Virginia	18,971	15,890	78.3	78.1	1.43	1.49	149	141
Wisconsin	102	3	-	-	1.11	.50	185	177
Wyoming	98,844	83,788	89.0	88.1	.44	.45	134	138
Alabama	218	-	-	-	.44	-	170	-
Arkansas	8,049	8,448	100.0	100.0	.40	.39	186	163
Colorado	3,077	3,265	100.0	99.1	.38	.37	106	102
Georgia	629	-	9.3	-	.38	-	124	-
Illinois	1,688	2,127	85.3	99.5	.42	.48	293	290
Indiana	9,879	3,258	81.9	73.1	.38	.44	129	152
Iowa	7,839	9,698	88.4	90.8	.43	.44	105	119
Kansas	8,204	9,197	97.9	80.0	.41	.42	123	121
Kentucky	113	-	34.5	-	.35	-	124	-
Louisiana	4,051	5,074	100.0	100.0	.54	.58	180	189
Michigan	1,061	289	41.9	-	.31	.33	111	118
Minnesota	4,181	3,188	89.2	89.4	.30	.31	127	124
Missouri	4,073	3,999	65.2	78.1	.42	.44	87	94
Nebraska	5,034	4,219	78.2	80.0	.42	.42	77	95
Nevada	378	148	100.0	100.0	.43	.52	202	198
Oklahoma	7,857	8,092	82.5	95.8	.45	.44	139	135

See footnotes at end of table.

Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-July 1990 (Continued)

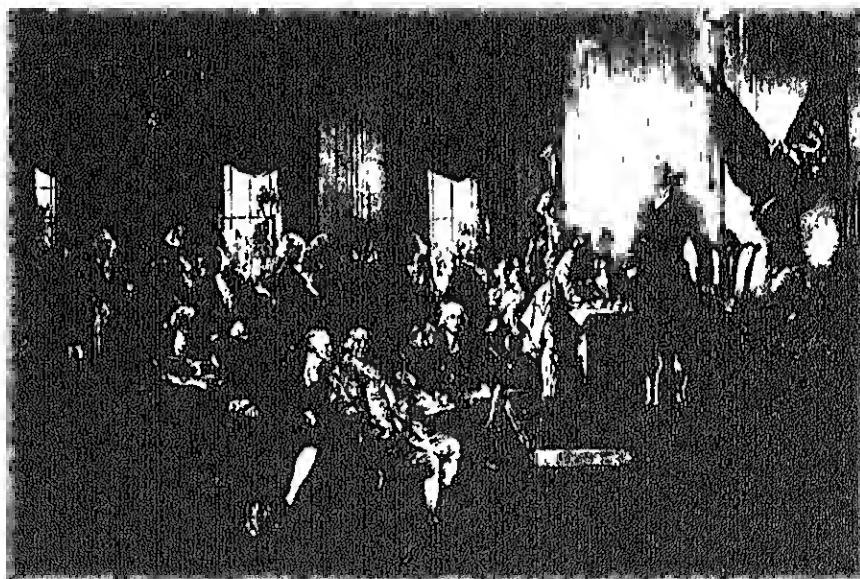
State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1988	1989
Wyoming								
Oregon	101	-	100.0	-	6.38	-	111	-
Texas	19,131	20,230	84.8	82.8	.44	.42	183	184
Washington	348	403	-	-	.35	.42	127	124
Wisconsin	8,108	5,683	88.3	87.1	.41	.40	112	129
Wyoming	12,830	12,295	83.7	80.5	.60	.58	83	85
Imported Coal								
Canada	808	818	88.3	87.5	.61	.58	178	175
New Hampshire	34	-	-	-	.87	-	181	-
Colombia	34	-	-	-	.97	-	181	-
Florida	543	573	88.2	71.8	.85	.58	178	177
Georgia	479	412	100.0	100.0	.85	.81	177	173
Maryland	-	-	23	-	-	.54	-	173
Massachusetts	-	-	138	-	-	.48	-	190
Venezuela	64	-	-	-	.81	-	178	-
Florida	231	37	35.1	-	.47	.36	178	141
Massachusetts	80	37	-	-	.55	.36	182	141
New Hampshire	70	-	-	-	.48	-	181	-
New Hampshire	81	-	100.0	-	.39	-	188	-
U.S. Total	453,312	425,888	82.7	83.2	1.29	1.27	146	144

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

AFTER THE DECLARATION OF INDEPENDENCE OUR FOUNDING FATHERS WROTE SOMETHING EVEN MORE IMPORTANT.

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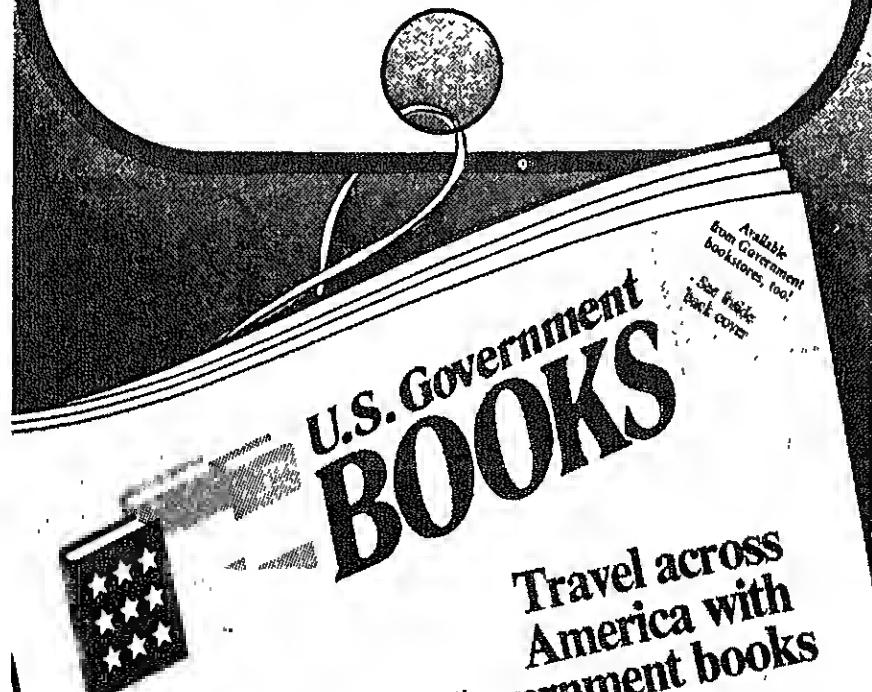
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